

CLAIMS

1. A process for limiting weight gain in a cat comprising the step of feeding said cat a pet food composition comprising a source of protein, a source of fat, and a source of carbohydrates from a grain source that excludes rice.
2. A process as claimed in claim 1 in which feeding said cat said pet food composition decreases the postprandial blood glucose and insulin response of said cat as compared to when feeding a rice-based diet.
3. A process as claimed in claim 1 in which feeding said cat said pet food composition promotes satiety.
4. A process as claimed in claim 1 in which feeding said cat said pet food composition promotes a voluntary decrease in food intake.
5. A process as claimed in claim 4 in which said cat is a male cat.
6. A process as claimed in claim 1 in which said pet food composition is fed ad libitum.
7. A process as claimed in claim 1 in which said grain source is a low glycemic index grain source.
8. A process as claimed in claim 7 in which said grain source has a glycemic index that is less than rice.
9. A process as claimed in claim 7 in which said low glycemic index grain source is selected from the group consisting of corn, sorghum, barley, oats, and blends thereof.

10. A process as claimed in claim 9 in which said low glycemic index grain source comprises a blend of corn and sorghum.
11. A process as claimed in claim 10 in which the ratio of corn to sorghum is from about 1:5 to about 5:1.
12. A process as claimed in claim 10 in which the ratio of corn to sorghum is from about 1:3 to about 3:1.
13. A process as claimed in claim 10 in which the ratio of corn to sorghum is from about 1:1.
14. A process as claimed in claim 9 in which said low glycemic index grain source comprises a blend of corn, sorghum, and barley.
15. A process as claimed in claim 14 in which the ratio of corn to sorghum to barley is from about 1:1:5 to about 1:5:1 to about 5:1:1.
16. A process as claimed in claim 14 in which the ratio of corn to sorghum to barley is from about 1:1:3 to about 1:3:1 to about 3:1:1.
17. A process as claimed in claim 14 in which the ratio of corn to sorghum to barley is about 1:1:1.
18. A process as claimed in claim 9 in which said low glycemic index grain source comprises a blend of corn, sorghum, and oats.
19. A process as claimed in claim 18 in which the ratio of corn to sorghum to oats is from about 1:1:5 to about 1:5:1 to about 5:1:1.

20. A process as claimed in claim 18 in which the ratio of corn to sorghum to oats is from about 1:1:3 to about 1:3:1 to about 3:1:1.

21. A process as claimed in claim 18 in which the ratio of corn to sorghum to oats is from 1:1:1.

22. A process for limiting weight gain in a cat comprising the step of feeding said cat a pet food composition comprising from about 25 to about 45% crude protein, from about 4 to about 30% fat, from about 2 to about 20% total dietary fiber, and a source of carbohydrates from a grain source that excludes rice.

23. A process as claimed in claim 22 in which feeding said cat said pet food composition decreases the postprandial blood glucose and insulin response of said cat as compared to when feeding a rice-based diet.

24. A process as claimed in claim 22 in which feeding said cat said pet food composition promotes satiety.

25. A process as claimed in claim 22 in which feeding said cat said pet food composition promotes a voluntary decrease in food intake.

26. A process as claimed in claim 25 in which said cat is a male cat.

27. A process as claimed in claim 22 in which said pet food composition is fed ad libitum.

28. A process as claimed in claim 22 in which said grain source is a low glycemic index grain source.

29. A process as claimed in claim 28 in which said grain source has a glycemic index that is less than rice.

30. A process as claimed in claim 28 in which said low glycemic index grain source is selected from the group consisting of corn, sorghum, barley, oats, and blends thereof.

31. A process as claimed in claim 30 in which said low glycemic index grain source is selected from the group consisting of a blend of corn and sorghum, a blend of corn, sorghum, and barley, and a blend of corn, sorghum, and oats.

32. A process as claimed in claim 31 further comprising from about 1 to about 11 weight percent of supplemental total dietary fiber of fermentable fibers which have an organic matter disappearance of 15 to 60 weight percent when fermented by fecal bacteria for a 24 hour period.